

DELAWARE COUNTY: Key Data Points

- 8 of the 18 infant deaths witnessed in Delaware county were neonatal deaths
- More mothers in Delaware county are utilizing prenatal care during the first trimester of pregnancy when compared to the state, 89.3% versus 80.6% respectively.
- More mothers in Delaware county are smoking during pregnancy compared to the State of Indiana, 21% versus 18.5% respectively.
- Delaware county observed 57 accidental deaths (20 of which were motor vehicle), 19 suicidal deaths, and 3 homicides

Note: All figures relate to 2003 data from the Indiana State Department of Health, unless otherwise specified

Figure 1. Births

	Total		White		Black		Other	
	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*
Delaware County	1,339	11.4	1,187	11.1	130	16.5	22	8.8
INDIANA	86,382	13.9	75,422	13.7	9,288	17.5	1,672	10.6

* births per 1,000 population; U = unstable rate, based on fewer than 20 births

Figure 2. Mortality

		NUMBER				RATE*		
COUNTY OF RESIDENCE	REPORTED RACE/ETHNICITY	Live Births	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)
DELAWARE	All Races	1,339	10	8	2	**	**	**
	White	1,187	6	5	1	**	**	**
	Black	130	4	3	1	**	**	**
	Other	22	0	0	0	0	0	0
	Hispanic	16	0	0	0	0	0	0
INDIANA	All Races	86,382	641	417	224	7.4	4.8	2.6
	White	75,422	479	309	170	6.4	4.1	2.3
	Black	9,288	148	98	50	15.9	10.6	5.4
	Other	1,672	14	10	4	**	**	**
	Hispanic	6,763	38	22	16	5.6	3.3	**

*rate per 1,000 live births **Numerator is less than 20 and the rate is unstable

Figure 3. Outcome Indicators of Mother, by Race

		Birth Weight				During Pregnancy		
DELAWARE COUNTY	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	1,339	8	1.1	12.5	89.3(S)	0.3	21	41.8
White	1,187	7.8	0.9	13.1 (S)	90.6(S)	0.3	21.5	38.2(S)
Black	130	11.5	3.1	9.2	78.5	0.8	19.2	77.7

		Birth Weight				During Pregnancy		
INDIANA	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	86,382	7.9	1.4	9.9	80.6	0.6	18.5	37.1
White	75,422	7.2	1.2	9.5	82.1	0.6	19.1	32.6
Black	9,288	13.3	3.3	13.3	68.2	1.1	15.2	76.3

† Preterm: less than 37 weeks gestation

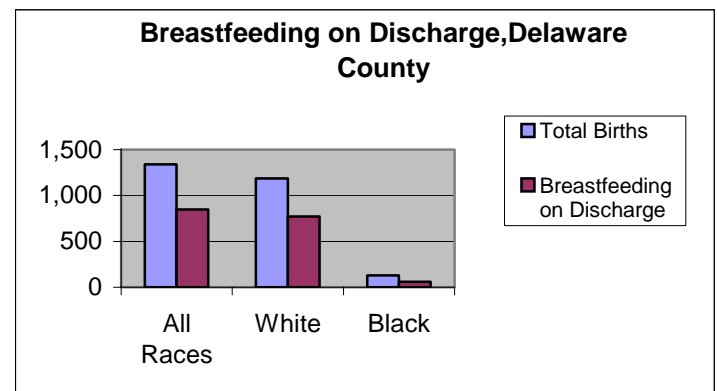
‡ PNC: Prenatal Care

'S' Significantly different than the state percent

*** Outcomes for this county are suppressed due to 20 or fewer total births

Figure 4. Breastfeeding

DELAWARE COUNTY	All Races	White	Black
Total Births	1,339	1,187	130
Breastfeeding on Discharge	846	770	58
% Breastfeeding on Discharge	63.2	64.9	44.6



INDIANA	<i>All Races</i>	<i>White</i>	<i>Black</i>
Total Births	86,382	75,422	9,288
Breastfeeding on Discharge	54,636	49,385	3,959
% Breastfeeding on Discharge	63.2	65.5	42.6

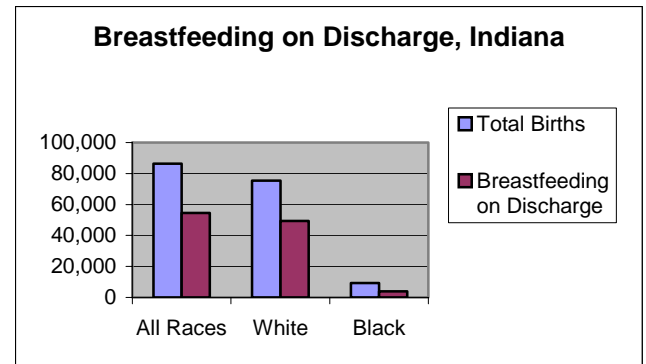


Figure 5. HIV/AIDS

	Total # of AIDS cases reported since 1982	Total # of HIV cases reported since 1985
DELAWARE COUNTY	108	54
INDIANA	7,641	3,856

*numbers current through June 2005

Figure 6. Nutritional Risk Factors by Status,
Indiana WIC Clinics, Quarter Ending 09/30/2004

Local Agency: Open Door Community Services, Inc.							
Counties Included: Delaware							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	34	7	0	0	1	42	3.7 %
At Risk for becoming Overweight	45	8	2	0	3	58	5.2%
Local Agency: State Wide							
Counties Included: All							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	1,732	445	800	12	97	3,086	4.8%
At Risk for becoming Overweight	2,023	485	639	11	124	3,282	5.1%

Priority Issues (Delaware & Indiana)			
Demographics: Percentage of population enrolled in Medicaid, Percentage of population enrolled in Food Stamps		Delaware	Indiana
2	% of Population enrolled in Medicaid as of June 2003	13.9	12.4
3	% of Population in Food Stamps Program, 2004	10.8	8.6
Priority #1 (pregnancy outcomes): Average Infant Mortality Rate, Average Fetal death Rate		Delaware	Indiana
1	Av Total Infant Death Rate (1993-2002)	10.3	8.1
2	Average Fetal Death Rate (1994-2003)	5.0	6.7
Priority #2 (reduce barriers): Health Professional Shortage Areas, Percentage of women with prenatal care in first trimester		Delaware	Indiana
1	Scores for Primary Care Health Professional Shortage Areas (HPSAs) (2005)	No Score	NA
2	% PNC 1st Trimester, 2003	89.3	80.6
Priority #4 (environmental): prevalence of asthma, Childhood lead poisoning		Delaware	Indiana
1	Prevalence of Asthma in a Medicaid Cohort of Children age 0-17 years, 2003	13.2	10.4
2	% Estimated Lead Blood Levels (%EBLL) for Children under 6 years old FY 2004-2005	2.0	2.1
Priority #5 (tobacco): Percentage of mothers who smoked during pregnancy, Percentage of Adult Smoking		Delaware	Indiana
1	% of mothers Smoked During Pregnancy, 2003	21.0	18.5
2	% of Adult Smoking in 2003	30.8	29.3
Priority #7 (adolescent risk behaviors): Adolescent deaths due to motor vehicle accidents, Chlamydia rates (ages 15-24)		Delaware	Indiana
1	Number of Adolescent (15-24) deaths due to Motor vehicle accidents (2001-2003)	11	748
2	Chlamydia rates per 100,000 county specific population (15-24yrs of Age)	1667.5	1541.49
Priority #8 (obesity): Obesity in pregnant women		Delaware	Indiana
1	Number of Obese Pregnant Women In Indiana, 2003	41	2,496
Priority #9 (domestic violence, childhood injury): Child deaths due to Injury, Child abuse and neglect rates		Delaware	Indiana
1	Child deaths due to Injury 1-14yrs (2001-2003)	4	257
2	Child Abuse and Neglect per 1,000 Population under age 18, 2004	15.7	13.5
Priority #10 (To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes): Percentage of Hispanic Population of any Race, LBW Disparity Ratio		Delaware	Indiana
1	% of Hispanic Population of any Race, July,1,2004	1.2	4.3
2	Low Birth Weight Disparity Ratio (B/W) (1993-2002)	1.87	1.92
Source: Data Analysis Team, ISDH Notes: 1. NS= Not Stable 2. NA = Not Available 3. Infant Mortality rate and Fetal Death rate is for 1000 live births. 4. Low Birth Weight: Birth Weight Less than 2,500grams. 5. HPSA Score ranges 1 – 25. The higher the score, the higher the need. 6. EBLL: Ten (10) micrograms of lead per deciliter of whole blood for one venous test; %EBLL is based on screening rate of 27% Statewide, unduplicated kids 7. Obesity in Pregnant Women determined by "Concurrent			

Illness Obesity" checkbox on the birth certificate 8. PNC percentages are calculated using total births in each county.

Note: The following priorities have been identified for Delaware County:

- **Priority # 1:** To decrease high-risk pregnancies, fetal death, low birth weight, infant mortality racial and ethnic disparities in pregnancy outcomes.
- **Priority # 4:** To reduce morbidity and mortality rates from environmentally related health conditions including asthma, lead poisoning and birth defects.
- **Priority # 7:** To reduce risk behaviors in adolescents including unintentional injuries and violence, tobacco use, alcohol and other drug use, risky sexual behavior including teen pregnancy, unhealthy dietary behaviors and physical inactivity.
- **Priority # 8:** To reduce obesity in Indiana.
- **Priority # 10:** To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes.